Search

Cameron   10/620,893   Page 1

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=> file reg
FILE 'REGISTRY' ENTERED AT 16:46:22 ON 08 MAR 2005
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=> display history full l1-


        FILE 'REGISTRY' ENTERED AT 16:15:31 ON 08 MAR 2005
                    E HYDROGEN PEROXIDE/CN
L1              1 SEA "HYDROGEN PEROXIDE"/CN
                    E SULFURIC ACID/CN
L2              1 SEA "SULFURIC ACID"/CN
                    E NITRIC ACID/CN
L3              1 SEA "NITRIC ACID"/CN
                    E PHOSPHORIC ACID/CN
L4              1 SEA "PHOSPHORIC ACID"/CN

        FILE 'HCA' ENTERED AT 16:19:19 ON 08 MAR 2005
L5          10964 SEA OXIDIZER?
L6         177704 SEA L1 OR H2O2 OR HYDROGEN#(A)PEROXIDE#
L7         631282 SEA L4 OR L3 OR L2 OR (NITRIC# OR SULFURIC# OR PHOSPHORIC
                    # OR ORTHOPHOSPHORIC#)(2A)ACID# OR H2SO4 OR HNO3 OR
                    H3PO4
L8             46 SEA ?SILSESQUIOXAN?(3A)(PRIME# OR PRIMER? OR PRIMING#)
L9            225 SEA ?SILSESQUIOXAN? AND (PRIME# OR PRIMER? OR PRIMING#)
L10        840498 SEA POLYIMIDE# OR POLYMETHACRYLIC# OR POLYACRYLIC# OR
                    POLYMETHACRYLATE# OR POLYACRYLATE# OR (METHACRYLIC# OR
                    METHACRYLATE# OR ACRYLIC# OR ACRYLATE# OR URETHAN##)(2A)(
                    POLY OR POLYM? OR HOMOPOLYM? OR COPOLYM? OR TERPOLYM? OR
                    RESIN?) OR RUBBER? OR POLYURETHAN##
L11        102048 SEA (TREAT? OR PRETREAT? OR CONDITION? OR PRECONDITION?
                    OR PROCESS?)(2A)METAL####

        FILE 'LCA' ENTERED AT 16:24:35 ON 08 MAR 2005
L12          7647 SEA (FILM? OR THINFILM? OR LAYER? OR OVERLAY? OR
                    OVERLAID? OR LAMIN? OR LAMEL? OR SHEET? OR LEAF? OR
                    FOIL? OR COAT? OR TOPCOAT? OR OVERCOAT? OR VENEER? OR
                    SHEATH? OR COVER? OR ENVELOP? OR ENCAS? OR ENWRAP? OR
                    OVERSPREAD?)/BI,AB

        FILE 'HCA' ENTERED AT 16:25:29 ON 08 MAR 2005
L13        199611 SEA METAL####(2A)L12
L14             1 SEA L8 AND (L5 OR L6 OR L7)
L15            30 SEA L8 AND L10
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L16        10 SEA L8 AND (L11 OR L13)
L17         6 SEA L9 AND (L5 OR L6 OR L7)
L18       146 SEA L9 AND L10
L19        32 SEA L9 AND (L11 OR L13)
L20         7 SEA L15 AND L19
L21        30 SEA L15 AND L18
L22        14 SEA L19 AND L18


    FILE 'LCA' ENTERED AT 16:30:53 ON 08 MAR 2005
L23       434 SEA (ETCH? OR PHOTOETCH? OR CHASE# OR CHASING# OR
              ENCHAS? OR ENGRAV? OR PHOTOENGRAV? OR EMBOSS? OR
              PHOTOEMBOSS? OR INCISE# OR INCISING# OR IMPRINT? OR
              IMPRESS? OR ENCAUSTIC?)/BI,AB


    FILE 'HCA' ENTERED AT 16:32:11 ON 08 MAR 2005
L24     11078 SEA (ROUGH? OR ETCH? OR PHOTOETCH? OR CHASE# OR CHASING#
              OR ENCHAS? OR ENGRAV? OR PHOTOENGRAV? OR EMBOSS? OR
              PHOTOEMBOSS? OR INCISE# OR INCISING# OR IMPRINT? OR
              IMPRESS? OR ENCAUSTIC?)(2A)METAL####
L25    268252 SEA PCB OR PCBS OR IC OR ICS OR P(W)C(W)B OR I(W)C OR
              CIRCUIT?
L26         1 SEA L15 AND L24
L27         1 SEA L15 AND L25
L28         1 SEA L19 AND L24
L29         1 SEA L19 AND L25
L30         1 SEA L18 AND L24
L31         1 SEA L18 AND L25
L32         1 SEA L21 AND L24
L33         1 SEA L21 AND L25
L34         1 SEA (L26 OR L27 OR L28 OR L29 OR L30 OR L31 OR L32 OR
              L33)
L35       116 SEA ?SILSESQUIOXAN? AND PAINT?
L36         2 SEA L35 AND (L5 OR L6 OR L7)
L37        75 SEA L35 AND L10
L38         7 SEA L35 AND L11
L39        12 SEA L35 AND L13
L40         1 SEA L35 AND L24
L41         2 SEA L35 AND L25
L42        15 SEA L15 AND L37
L43         7 SEA L19 AND L37
L44        53 SEA L18 AND L37
L45        15 SEA L21 AND L37
L46        23 SEA L14 OR L17 OR L20 OR L26 OR L27 OR L34 OR L36 OR L38
              OR L40 OR L41 OR L43
L47        21 SEA (L16 OR L22 OR L39 OR L42 OR L45) NOT L46
L48        20 SEA (L19 OR L21) NOT (L46 OR L47)
L49         0 SEA L15 NOT (L46 OR L47 OR L48)
L50        20 SEA (L19 OR L21 OR L15) NOT (L46 OR L47)
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L51        125 SEA (L18 OR L37) NOT (L46 OR L47 OR L50)
L52         12 SEA L46 AND (1900-2000/PRY OR 1900-2000/PY)
L53         12 SEA L47 AND (1900-2000/PRY OR 1900-2000/PY)
L54         17 SEA L50 AND (1900-2000/PRY OR 1900-2000/PY)
L55         82 SEA L51 AND (1900-2000/PRY OR 1900-2000/PY)
L56         23 SEA (L46 OR L47 OR L50) NOT (L52 OR L53 OR L54)
              SAV L56 CAM893/A
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=> file hca
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=> d 152 1-12 cbib abs hitstr hitind
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L52   ANSWER 1 OF 12   HCA   COPYRIGHT 2005 ACS on STN
141:198365 Adhesion method for multilayer printed **circuit**
    boards. Montano, Joseph R.; Shelnut, James G. (Shipley Company,
    L.L.C., USA). U.S. Pat. Appl. Publ. US 2004161545 A1 20040819, 10
    pp., Cont.-in-part of U.S. Ser. No. 995,890. (English). CODEN:
    USXXCO. APPLICATION: US 2003-620893 20030716. PRIORITY: US
    2000-PV253472 20001128, US 2001-995890 20011129.

AB   A method of **treating** a **metal** surface, esp. a
      metal surface of a multilayer printed **circuit** board,
      comprises: (a) **roughening** the **metal** surface; (b)
      priming the **roughened metal** surface with
      a liq. **primer** compn. comprising an org. polymer, an org.
      oligomer, an org. monomer, or mixts. thereof; and (c) applying a
      polymer material such as a prepreg to the **roughened**
      metal surface with the liq. **primer** to form a bond
      with the **roughened metal** surface.

IC   ICM B05D001-36
      ICS B05D007-00
NCL   427407100; 427307000; 427409000
CC   76-3 (Electric Phenomena)
ST   multilayer printed **circuit** metal foil
      polymer bonding; **primer roughened metal**
      foil polymer bonding **circuit** board
T   Garnet-type crystals
          (abrasive; adhesion method for multilayer printed **circuit**
          boards)
T   Pumice
          (abrasive; adhesion method for multilayer printed **circuit**